

EyeSustain Pledge: Surgical Drapes and Patient Gowns

ASCRS Meeting

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Background

- ▶ In two surveys of ophthalmologists, 47% of ESCRS surgeons and 44% of North American surgeons had eliminated full body draping (using face drape). Another 41% (ESCRS) or 51% (North America) would consider eliminating full body drapes.
- ▶ 50% of ESCRS surgeons and 56% of North American surgeons did not have patients change into gowns (wear own clothing instead). Another 27% (ESCRS) or 34% (North America) were willing to eliminate patient hospital gowns for cataract surgery.
- ▶ A study found no difference in endophthalmitis rates when patients were changed into hospital gowns, compared to wearing their own clothing in the operating room.

Drape/Gown Opportunities

- ▶ Patient drapes
 - ▶ Size: Full body vs. half body
 - ▶ Material: Biodegradable, etc.
- ▶ Surgeon gowns
 - ▶ Reusable, biodegradable, etc.
- ▶ Patient gowns
 - ▶ Reusable
 - ▶ Needed at all?



OOSS Position Statement

- ▶ “OOSS sanctions the use of smaller ophthalmic drapes, already available commercially, in order to reduce waste produced in the OR.”
- ▶ “The standard in cataract surgery is a drape that extends to about mid chest. For cataract surgery, there is no reason the patient needs to be draped beyond that.”
- ▶ Include on EyeSustain website



3.26.2024

Professional Organization Overview

The Outpatient Ophthalmic Surgery Society (OOSS) is a professional medical society that represents over 4,000 ophthalmologists, nurses, and administrators who specialize in providing high-quality ophthalmic surgical services in cost-effective ASC environments. The programs and services of OOSS are designed to ensure top-quality and sustainable patient care and safety in surgical environments that support ever-changing technology and regulation. OOSS is a member of the ASC Quality Collaboration (ASCQC), a cooperative effort of organizations and companies interested in ensuring that ambulatory surgical center (ASC) quality data is appropriately developed and reported. (ASCQC developed the claims-based quality measures incorporated within the recent rulemakings governing ASC quality reporting.)

OOSS Position Statement Regarding Surgical Drapes

OOSS sanctions the use of smaller ophthalmic drapes, already available commercially, in order to reduce waste produced in the OR. The purpose of a surgical drape is to protect the sterile field that in turn protects the patient from contaminants. The standard in cataract surgery is a drape that extends to about mid chest or over a mayo stand - primarily to maintain air flow for the patient. For cataract surgery, there is no reason the patient needs to be draped beyond that. Drapes vary by procedure for the spectrum of surgery performed in an ASC while also accommodating other antimicrobial barriers placed on or about the surgical site as necessary.

References:

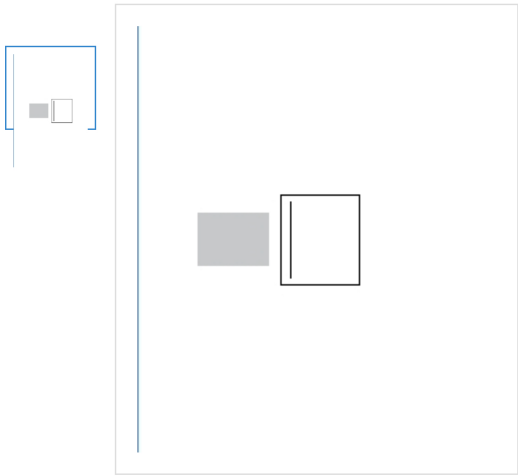
1. Outpatient Surgery, division of AORN, "What do you know about patient draping? Published 8/1/09
2. WHO Surgical Site Infection Prevention Guidelines, Web appendix 17, Summary of a systematic review on drapes and gowns
3. Winklmair N, Kieselbach G, Bopp J, Amon M, Findl O. Potential environmental effect of reducing the variation of disposable materials used for cataract surgery. J Cataract Refract Surg. 2023 Jun 1;49(6):628-634.

OR Tool Kit: Drape examples

- ▶ Alcon 1040 drape
- ▶ Survey industry partners on environmentally friendly patient drapes
- ▶ Include comprehensive list of drapes and gowns in OR Tool Kit

#402217 | Alcon #8065104020
EENT Drape Alcon® Ophthalmic Mid-Size Drape 40 W X 48 L Inch Sterile
DRAPE,OPHTHALMOSCOPE W/POUCH (10/BX)

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Input from Industry Partners

- ▶ Biodegradable options?
- ▶ Compostable options?
- ▶ Reusable options?
 - ▶ Opportunity for education per recent study on surgical gowns
 - ▶ 40% preferred reusable, 30% disposable, 25% no preference
 - ▶ Hesitancy stemmed from uncertainty in safety and cost
- ▶ Half body drape options?
- ▶ One piece drape that can fully cover eye, face, head, and upper chest?
- ▶ Eliminate full body drapes?

> [Surg Open Sci.](#) 2022 Nov 8:11:33-39. doi: 10.1016/j.sopen.2022.10.003. eCollection 2023 Jan.

A mixed-methods study on end-user perceptions of transitioning to reusable surgical gowns

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Unmet Needs For Drapes and Gowns

- ▶ Educating surgeons and OR team members
 - ▶ EyeSustain website
 - ▶ OR Tool Kit
- ▶ Standardized OR draping and patient gowning protocol for all cataract cases
 - ▶ Position statement?
- ▶ Clinical trial comparing full body and half body drapes (Mayo)
- ▶ Discuss half body drape options with industry partners
 - ▶ Include in OR Tool Kit and EyeSustain website
- ▶ Patient coverings
 - ▶ Statement on patient gowns, shoe coverings vs shoe removal, head covering, etc.
 - ▶ Include OOSS statement on half body drapes on EyeSustain website
 - ▶ Study on patient gowns